

FIG. 1
Data Processing System
22

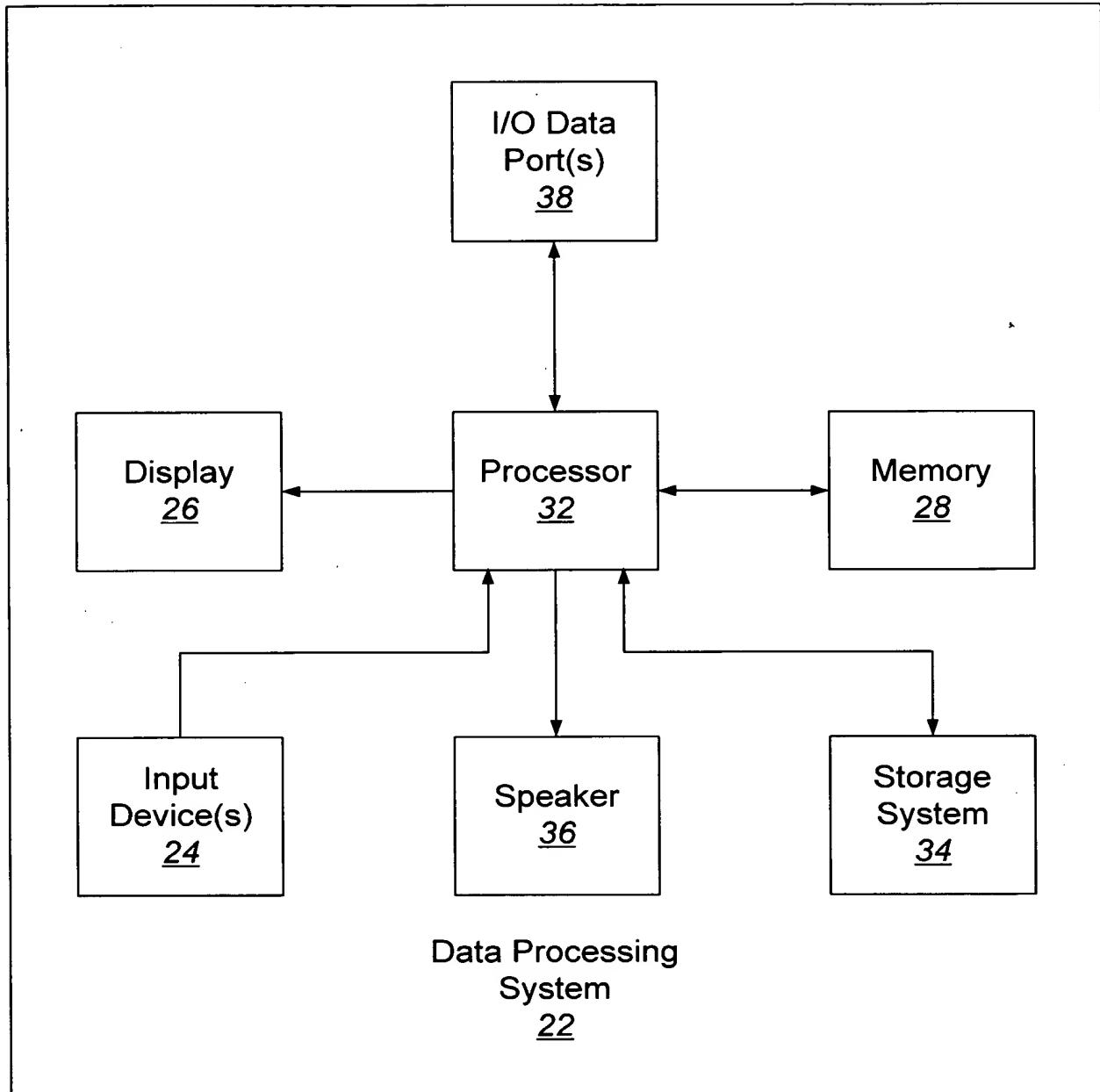


FIG. 1

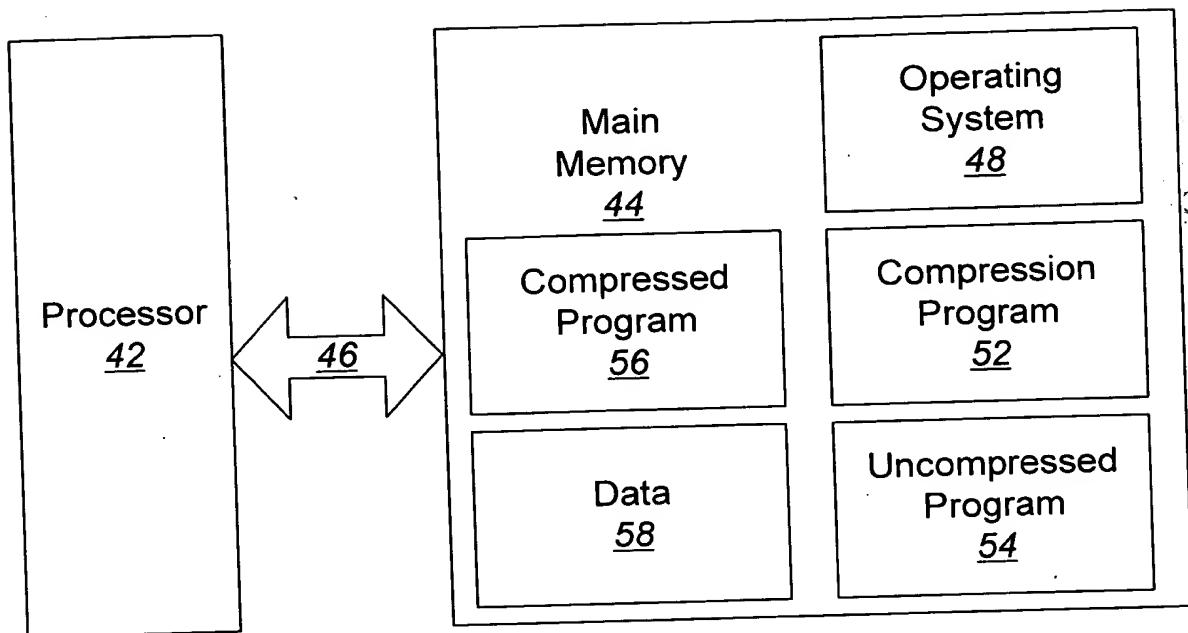


FIG. 2

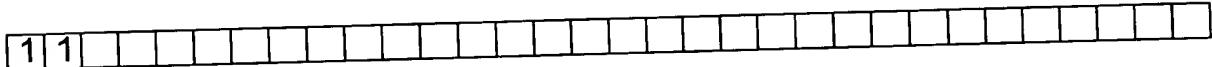
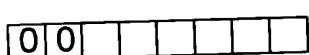


FIG. 3A



Type I Compressed Instruction

FIG. 3B



Type II Compressed Instruction

FIG. 3C



Type III Compressed Instruction

FIG. 3D

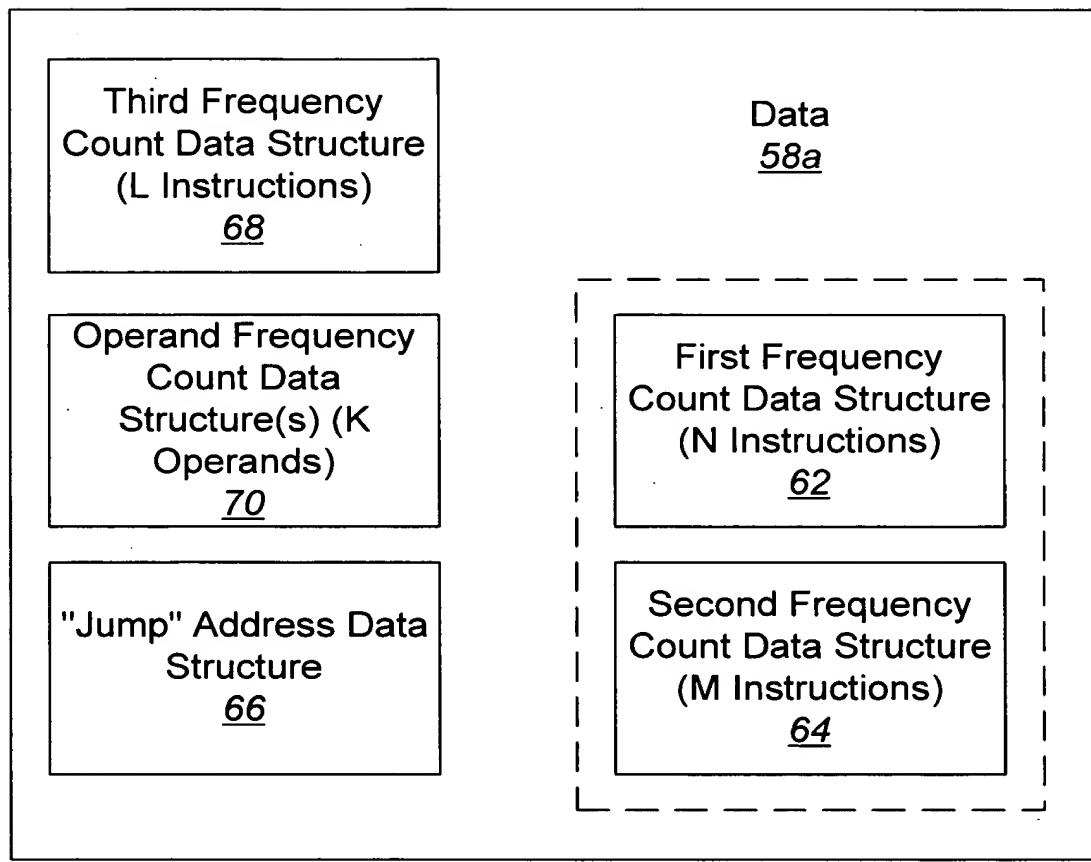


FIG. 4

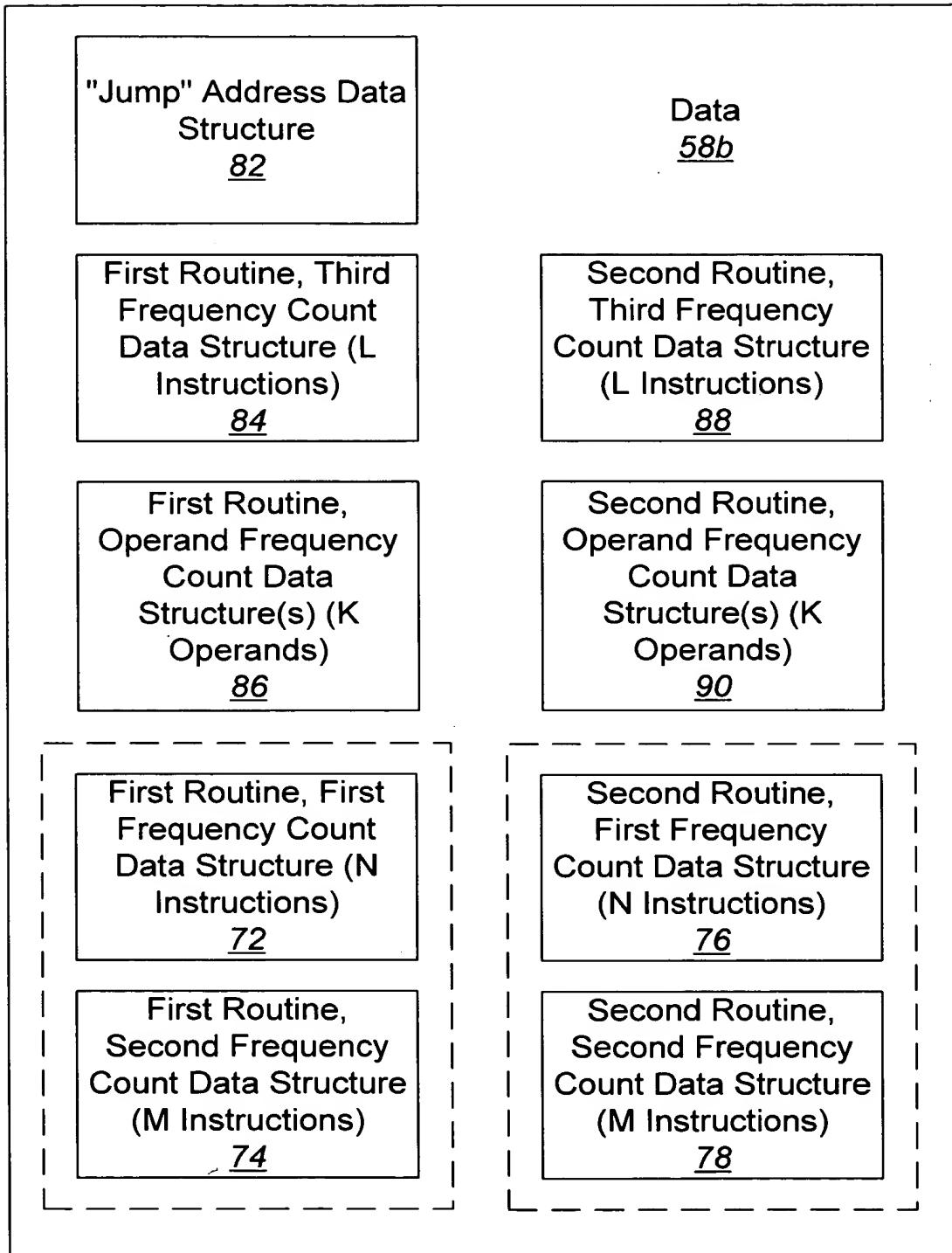


FIG. 5

DECODED BY GATE 2020

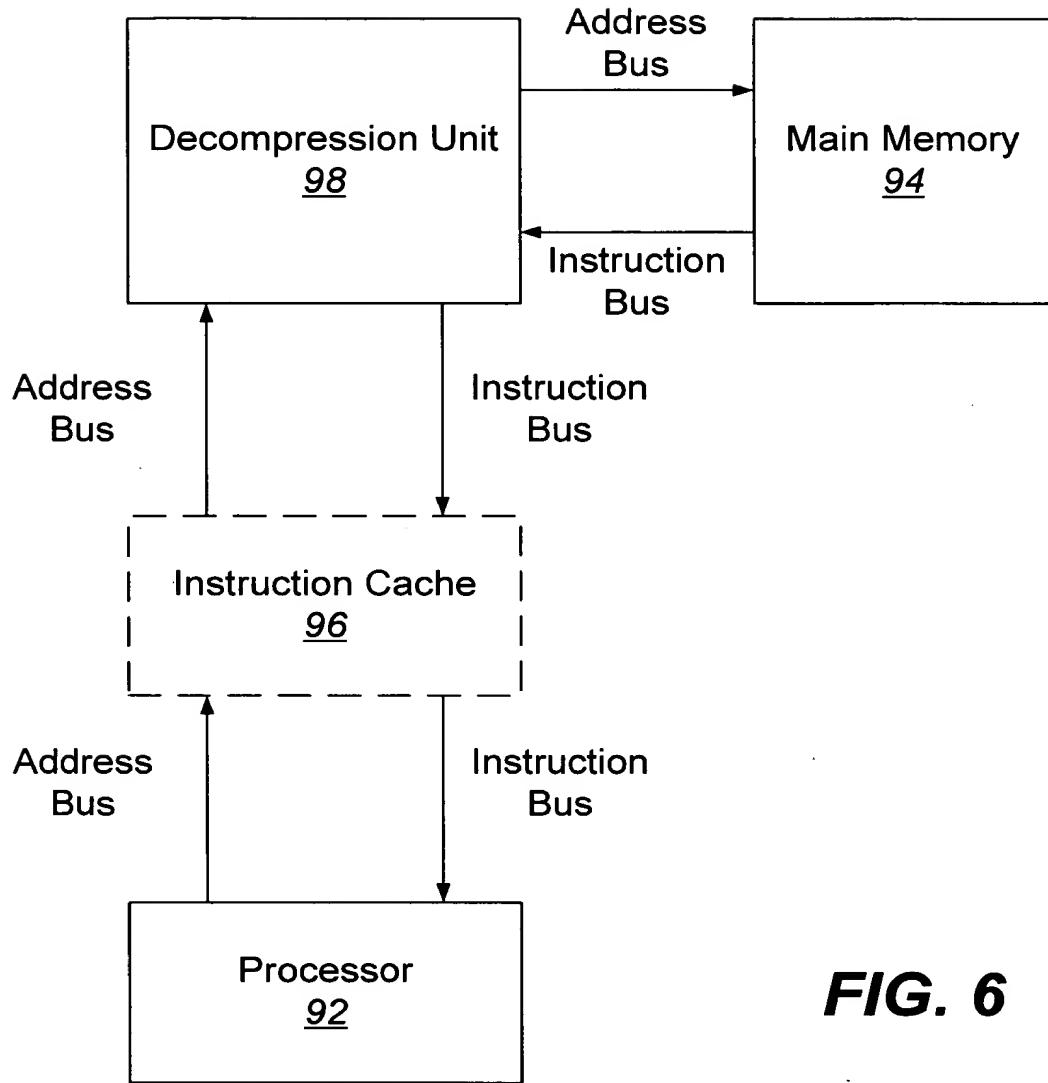


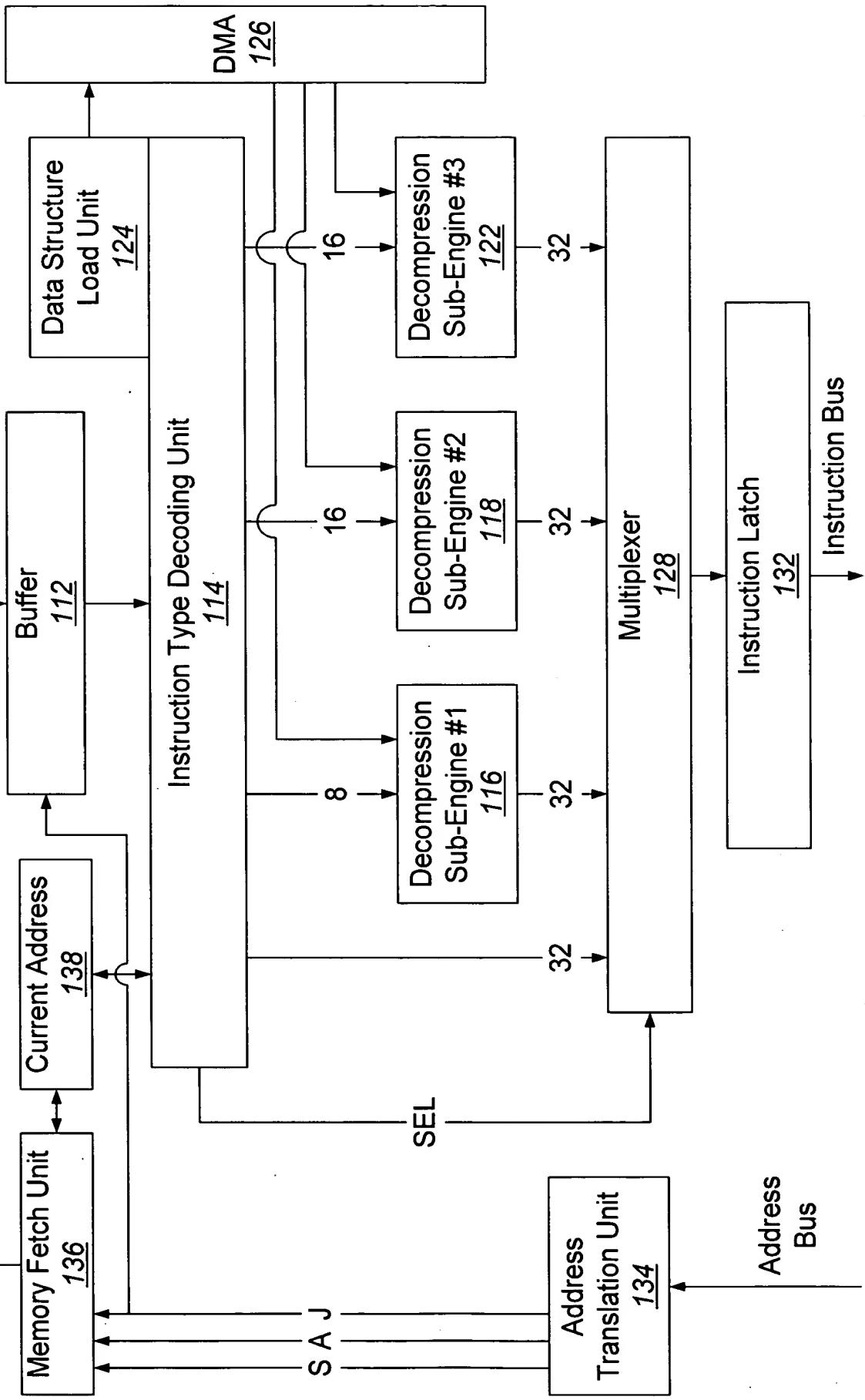
FIG. 6

From Memory To Memory

98

From Memory

To Memory



From Processor

To Processor

FIG. 7

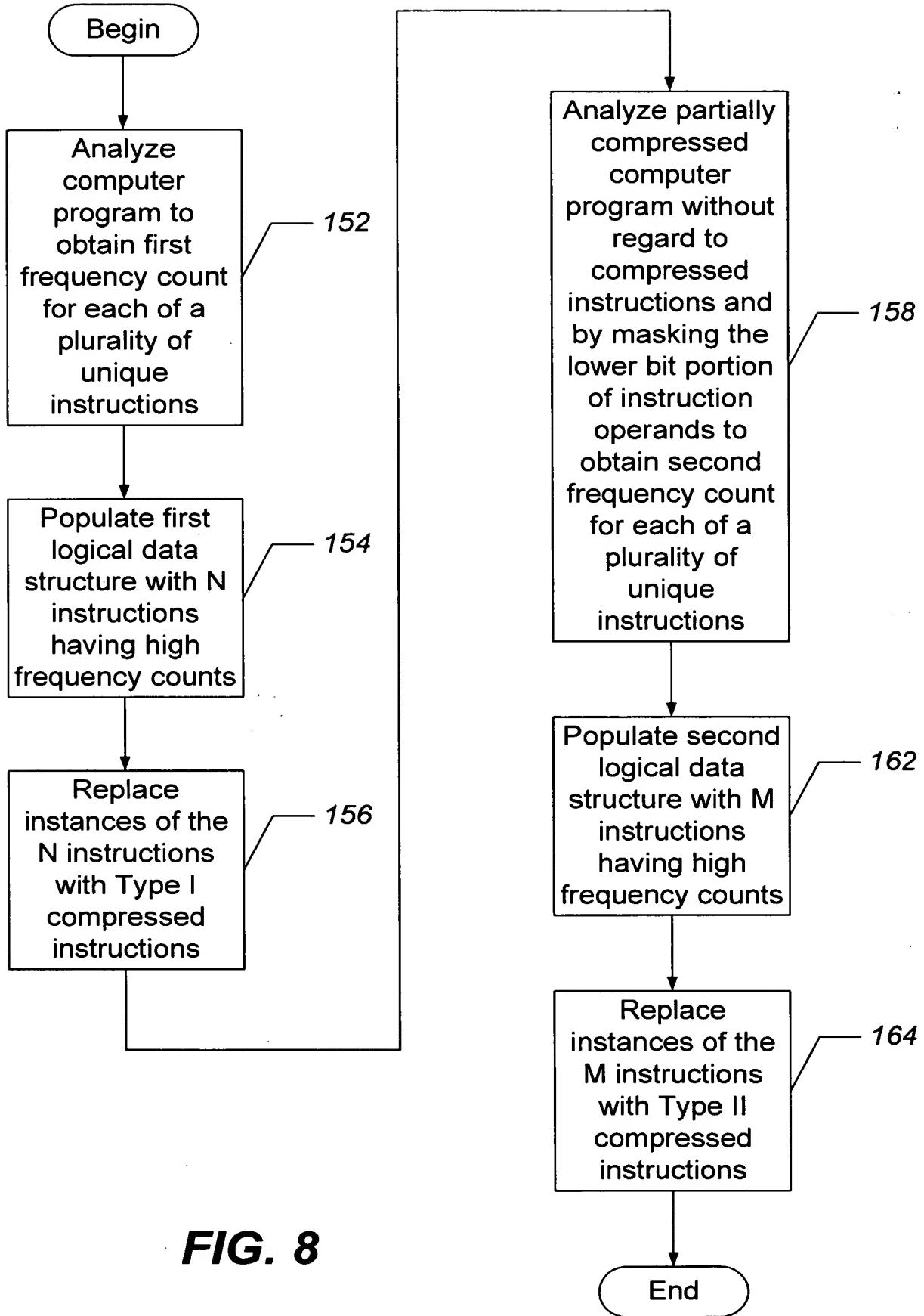


FIG. 8

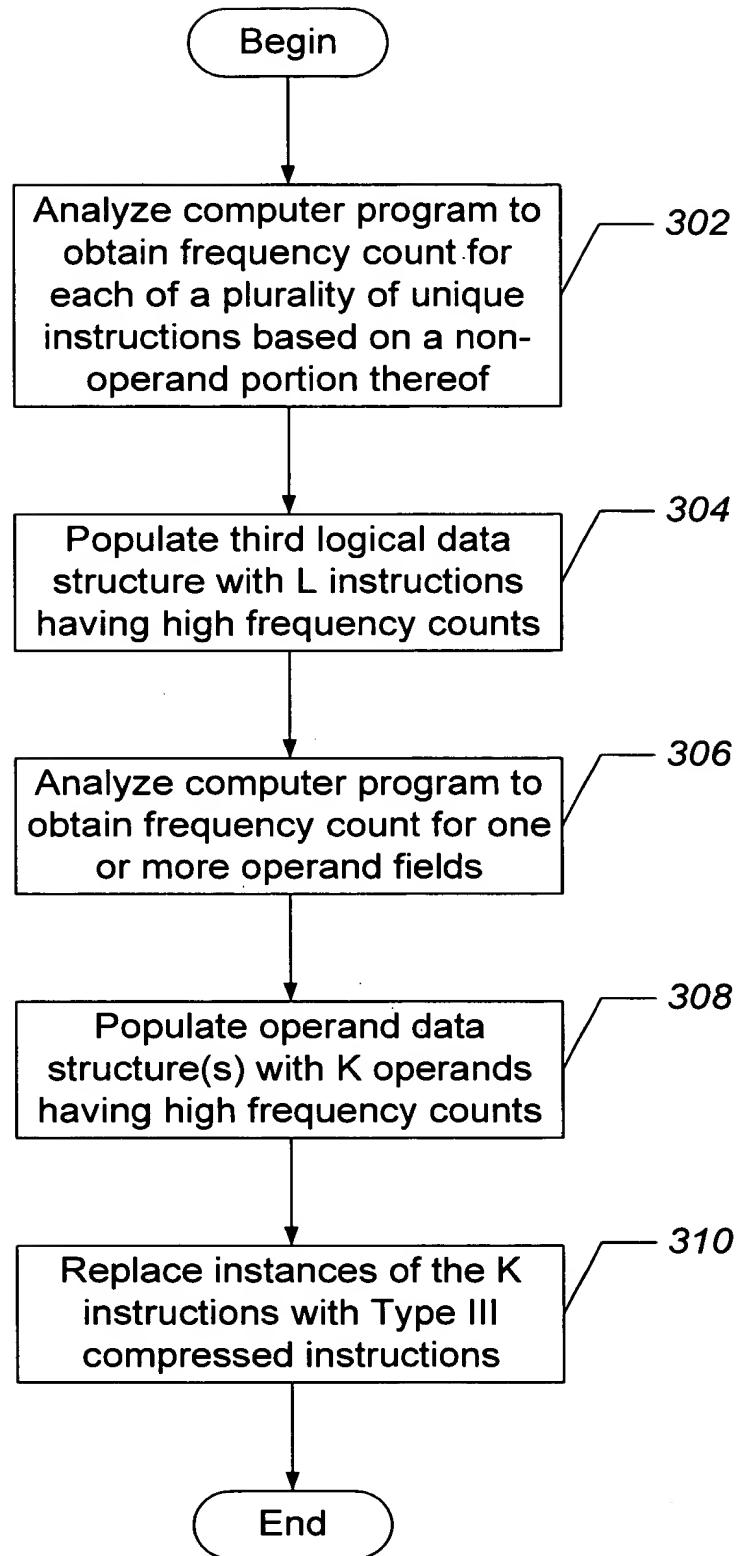
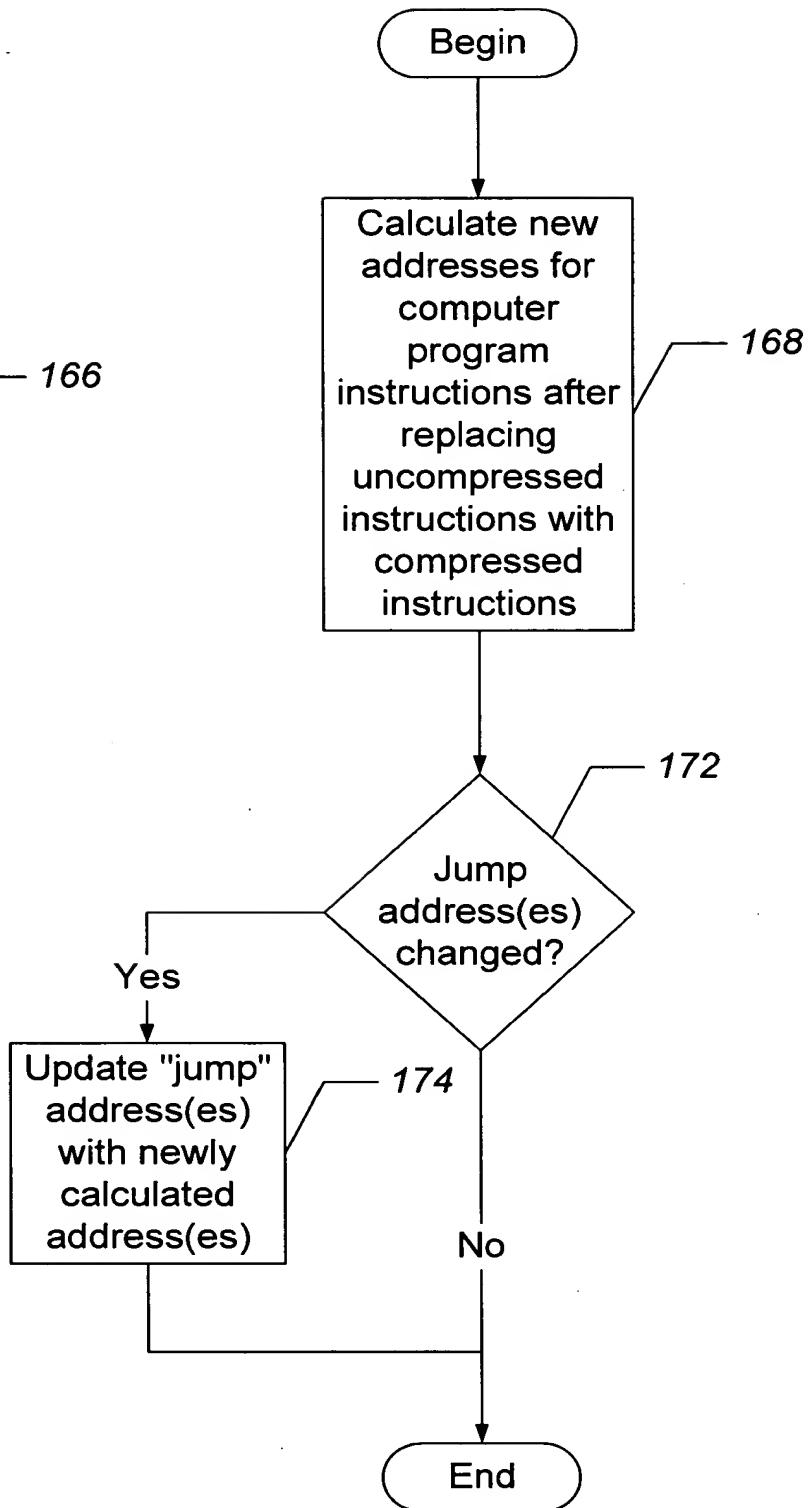
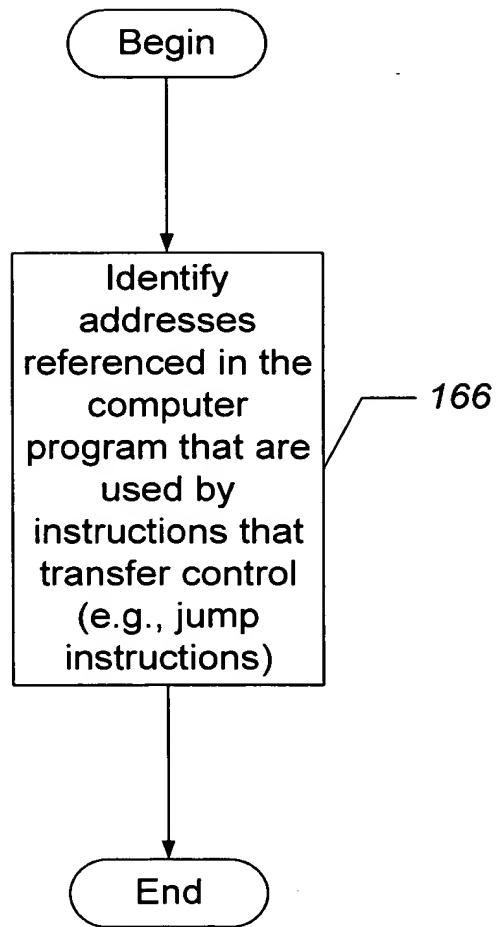


FIG. 9



1000 800 600 400 200 100 50

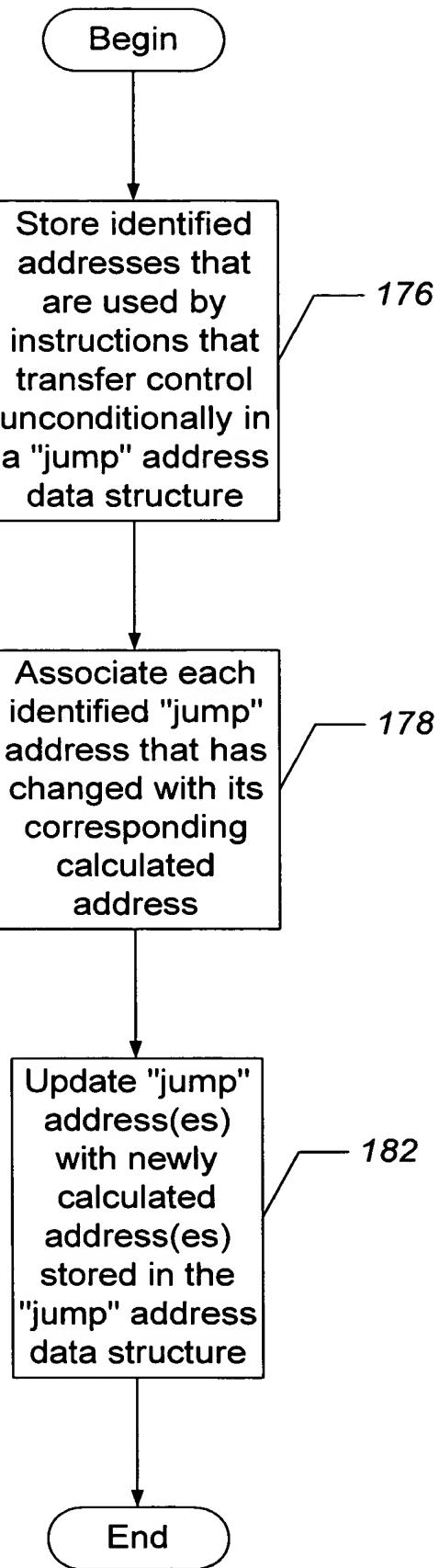
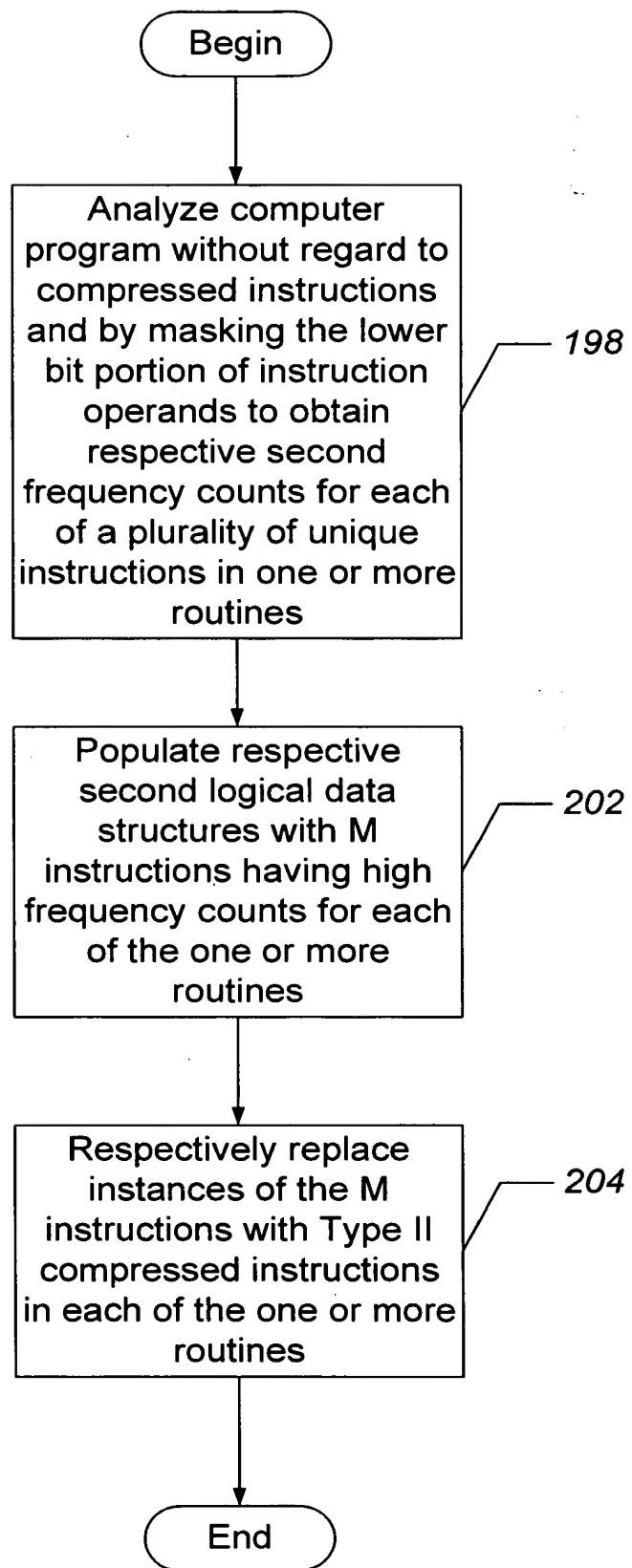
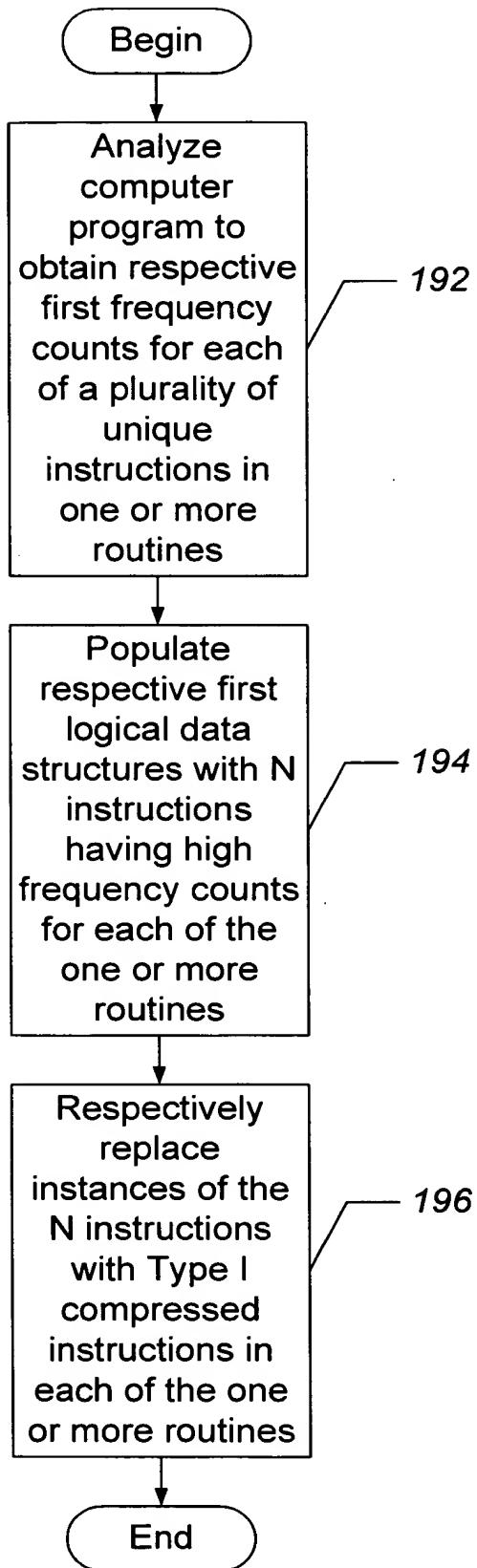


FIG. 12

0000 0000 0000 0000 0000 0000 0000 0000



00000000000000000000000000000000

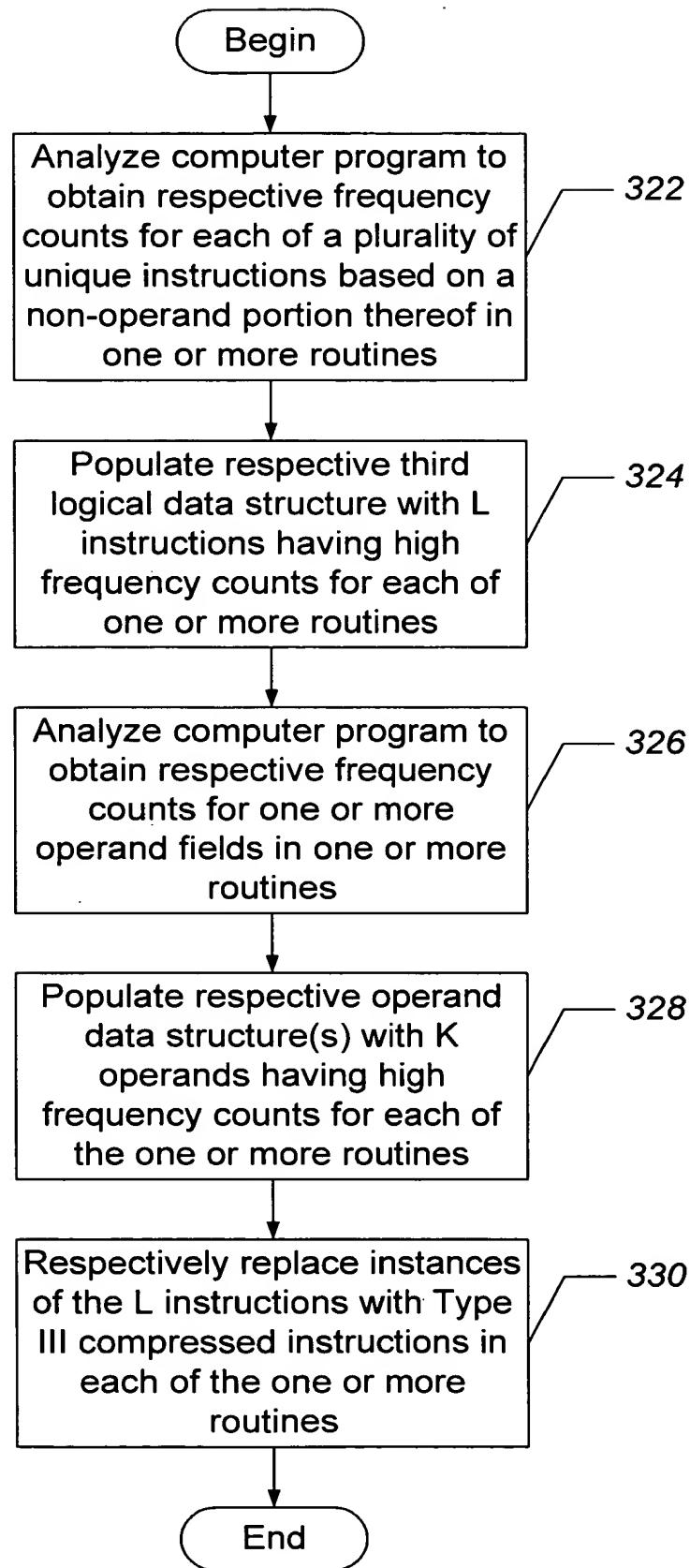


FIG. 15

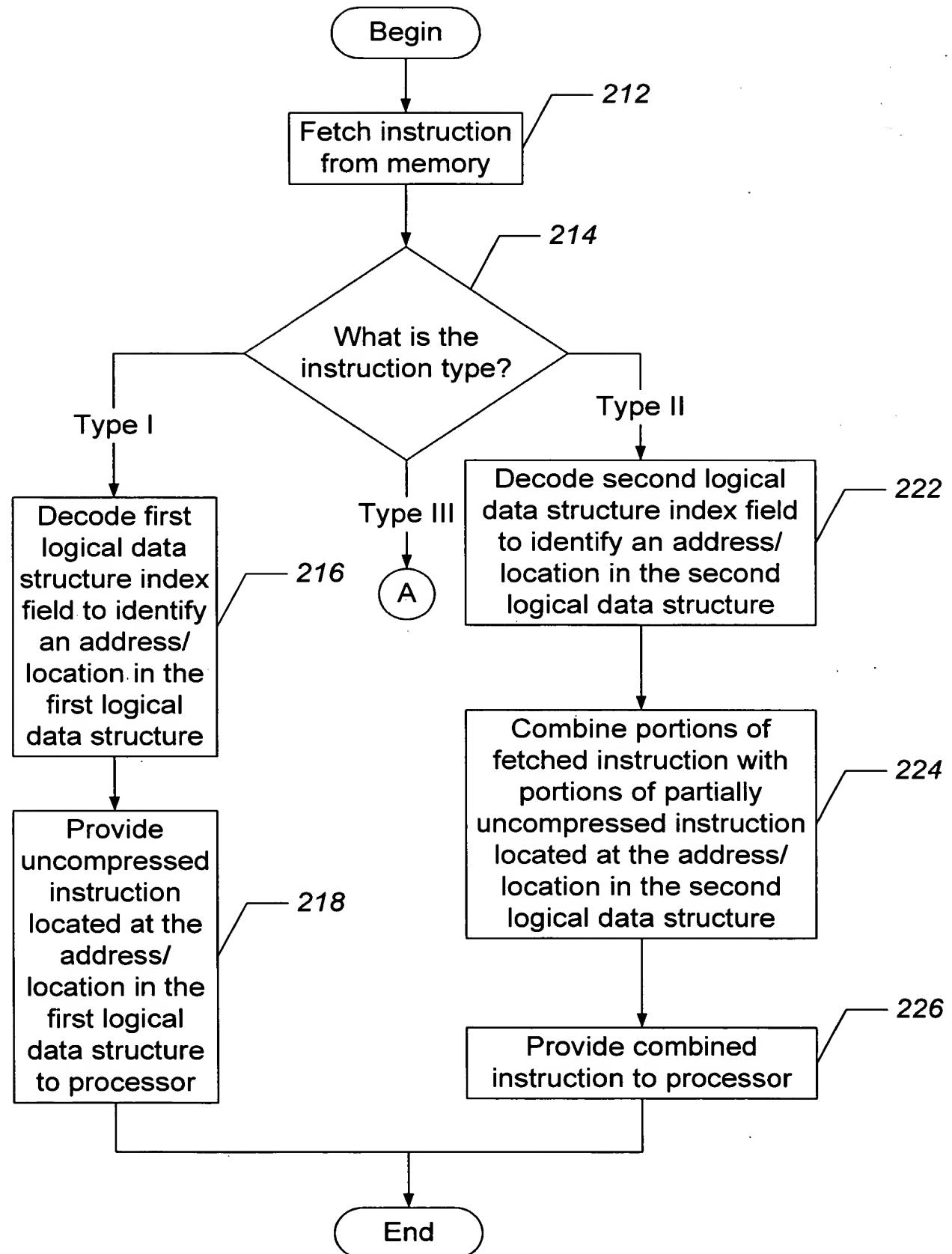


FIG. 16A

0000 0000 0000 0000 0000 0000 0000 0000

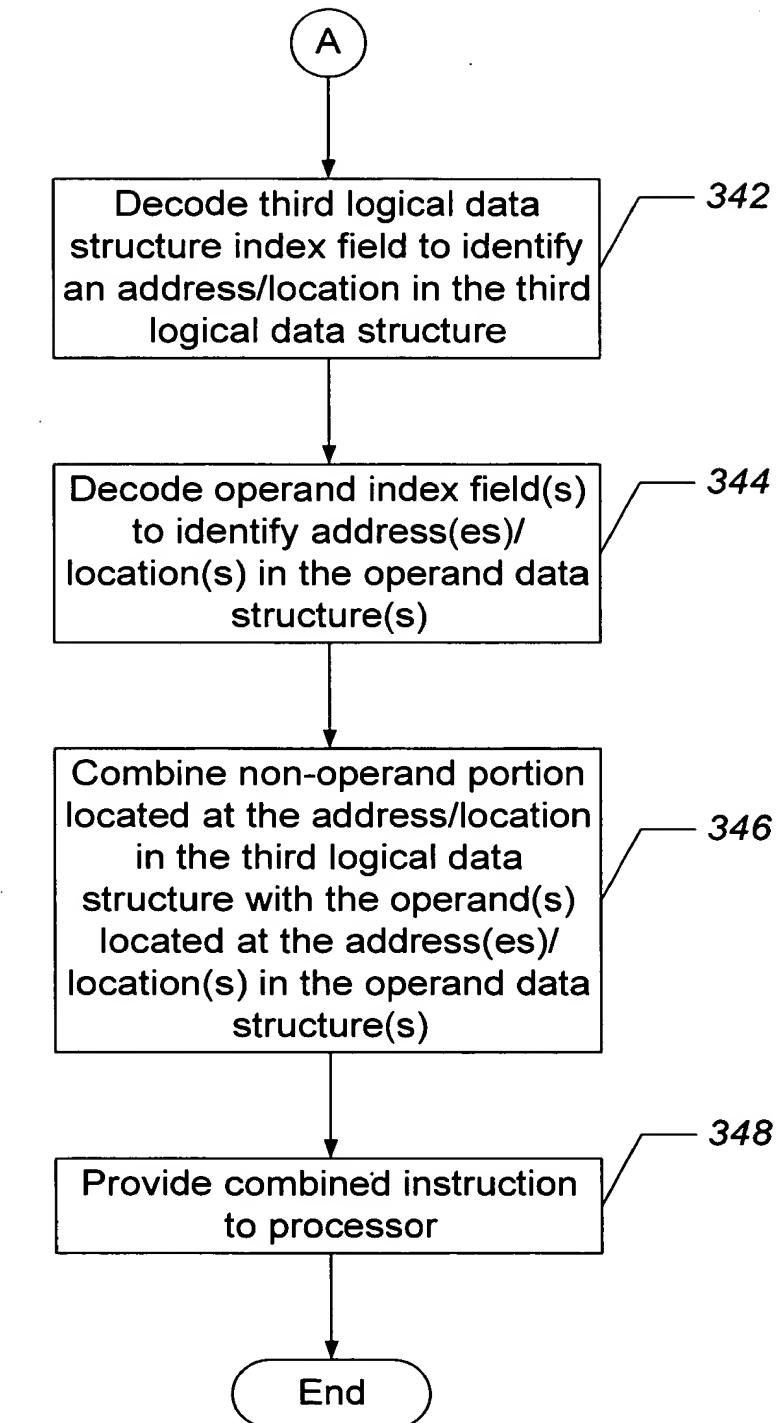


FIG. 16B

Type I Compressed Instruction

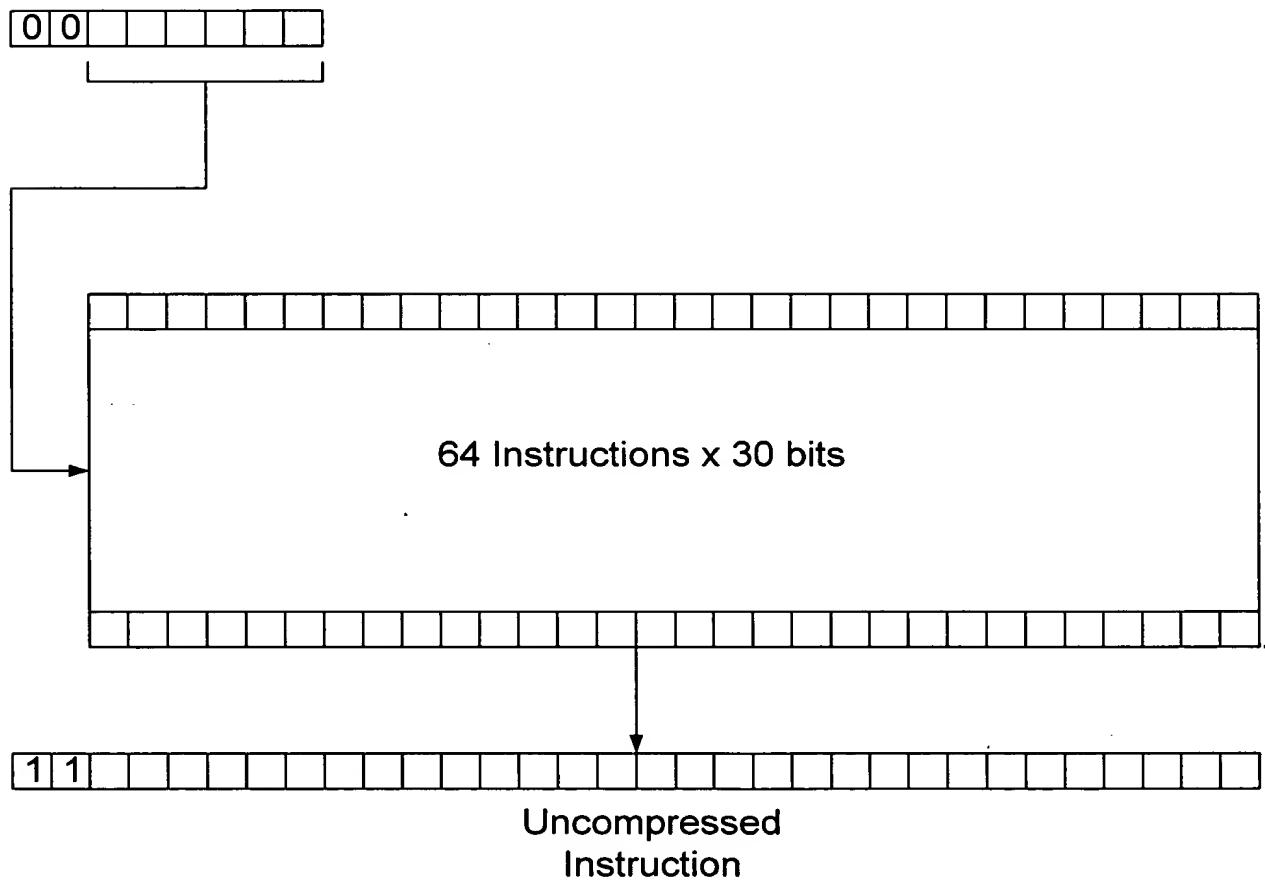


FIG. 17

000

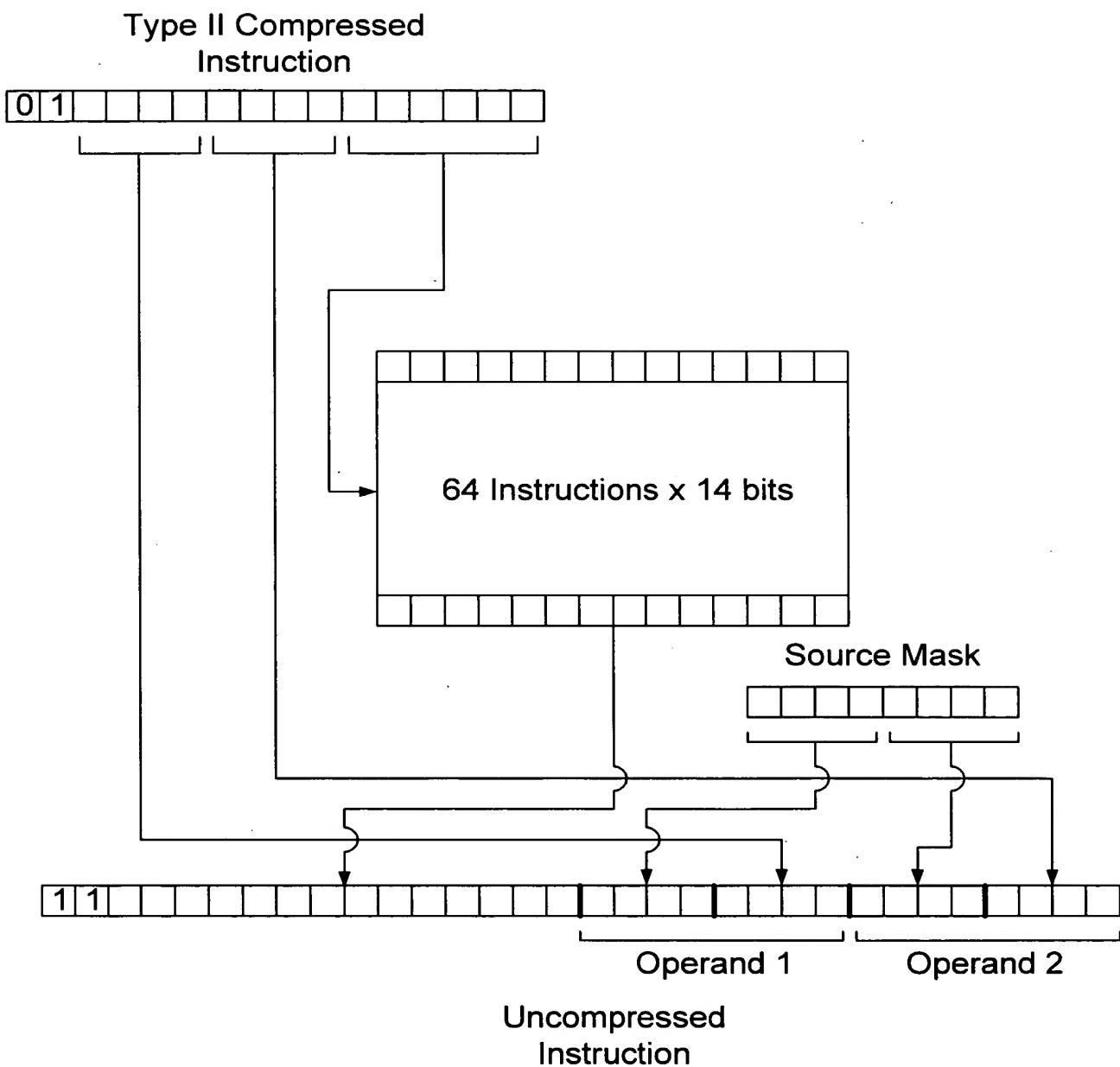


FIG. 18

Type III Compressed Instruction

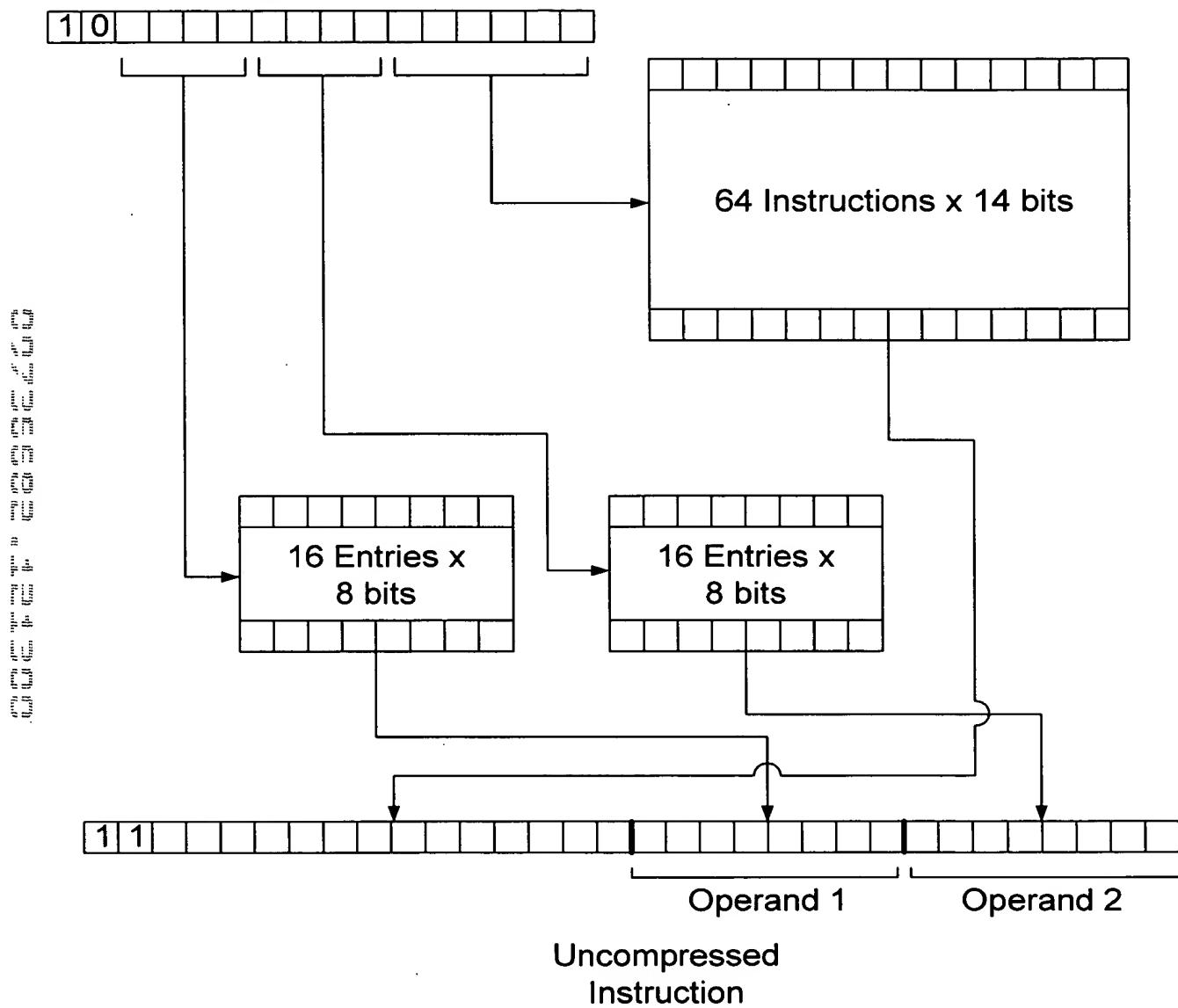


FIG. 19

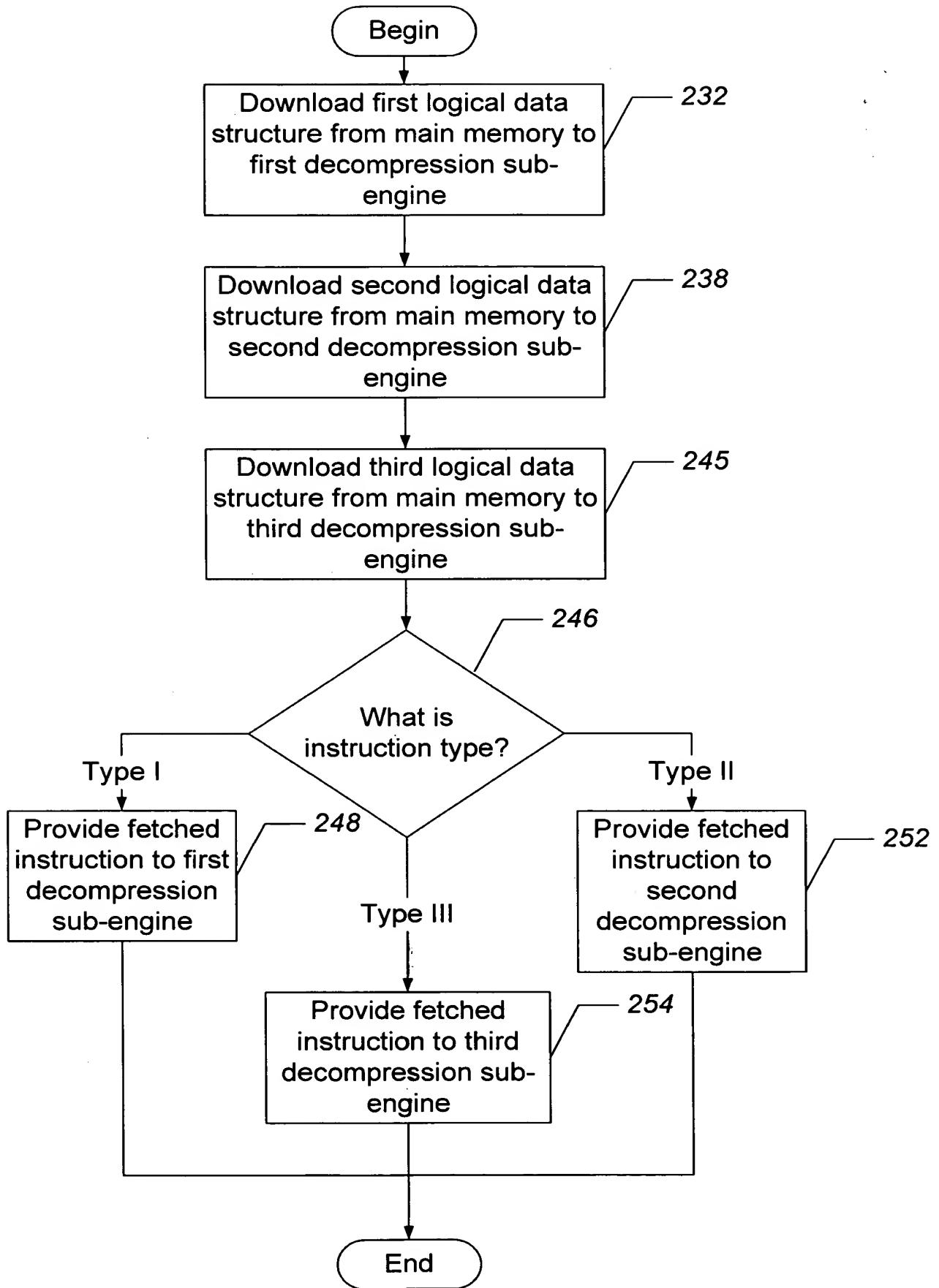


FIG. 20

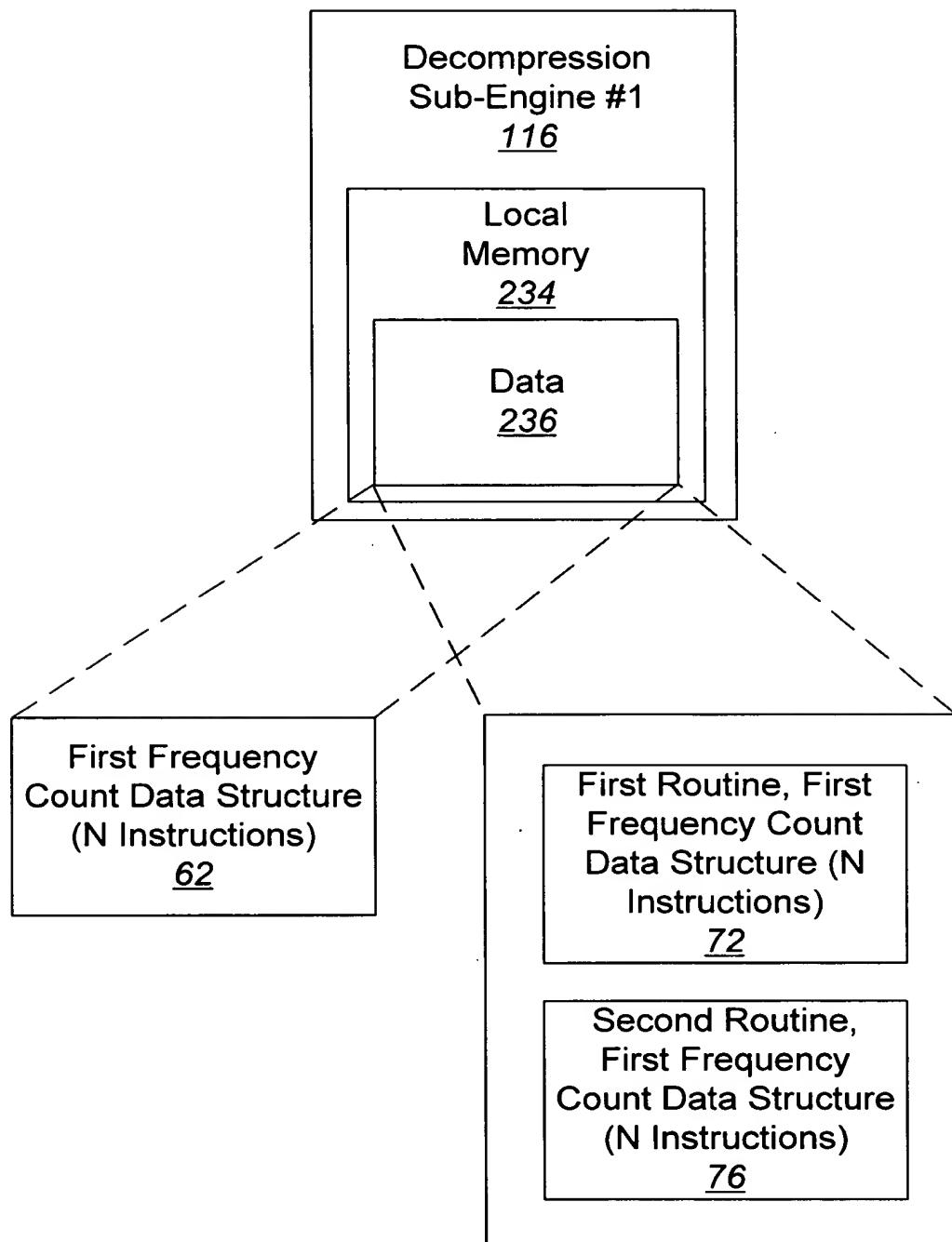


FIG. 21

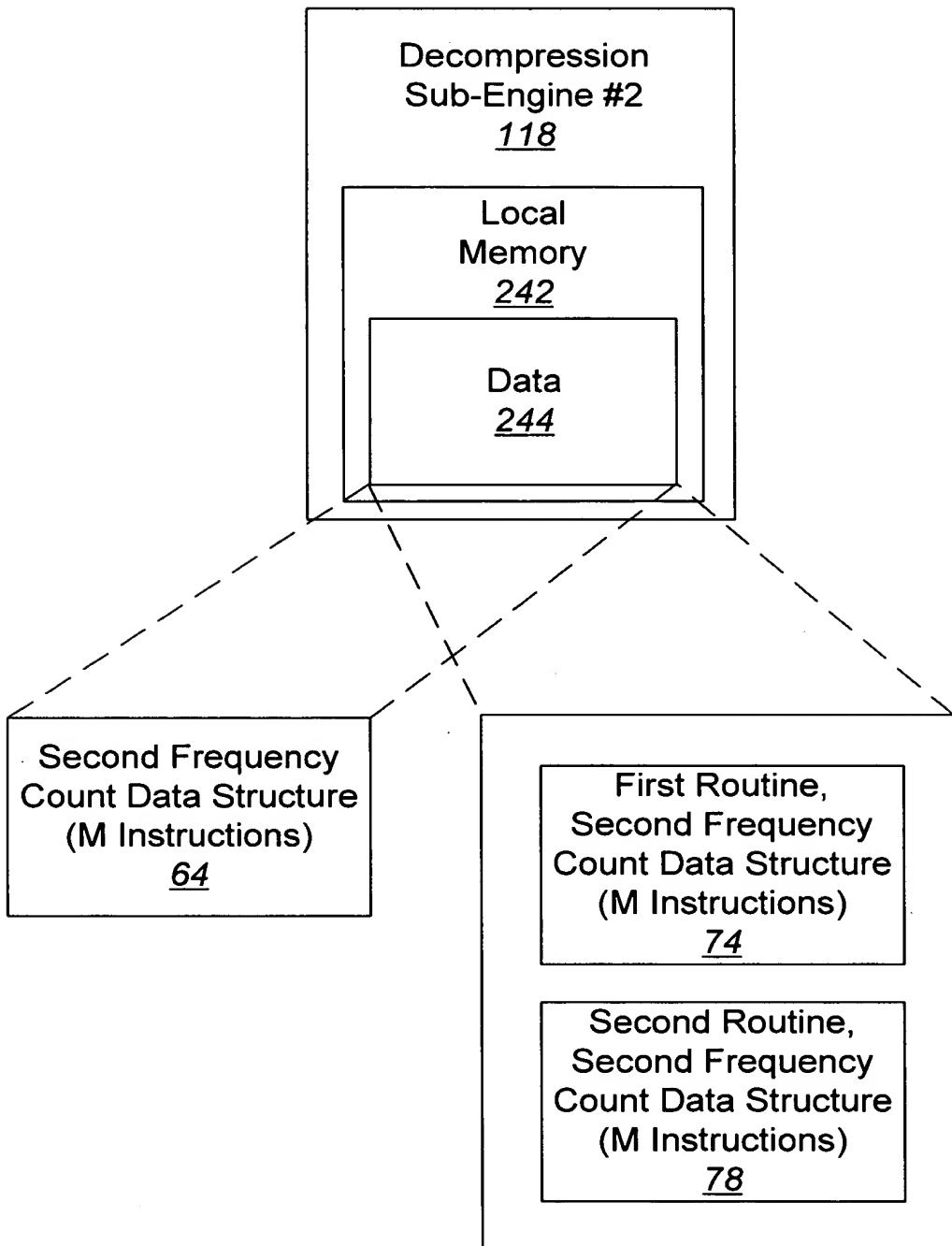


FIG. 22

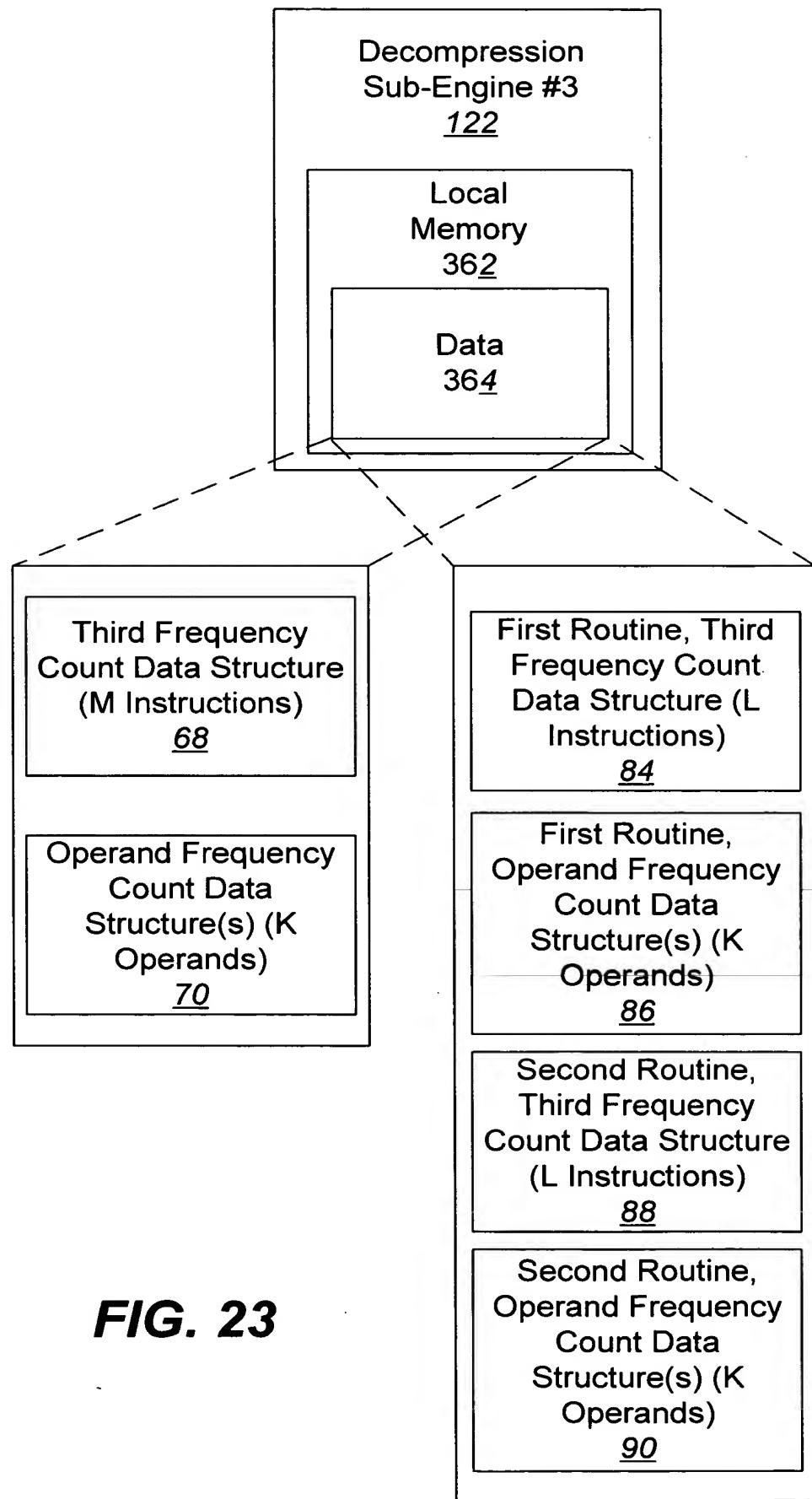


FIG. 23

0000 0000 0000 0000 0000 0000 0000 0000

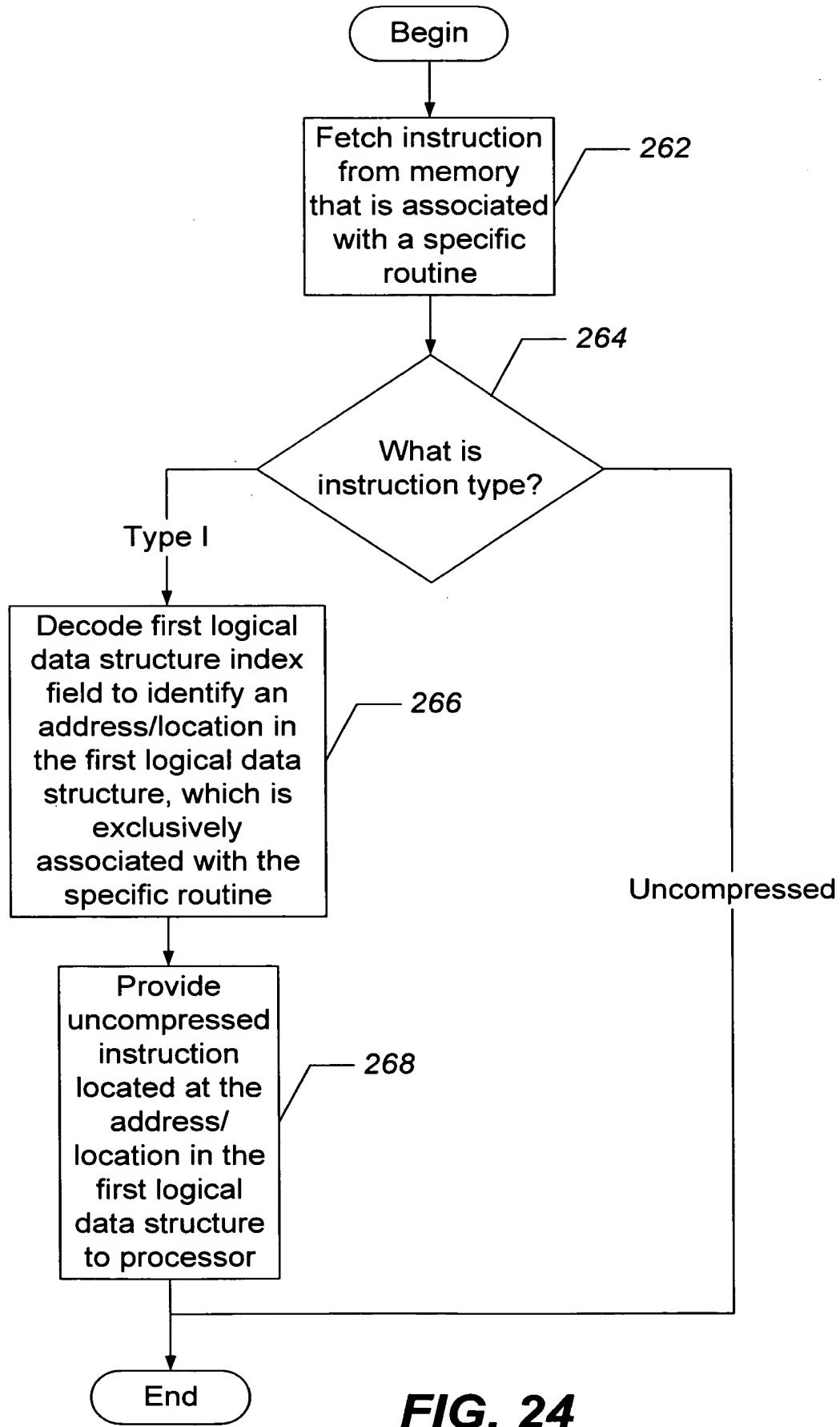
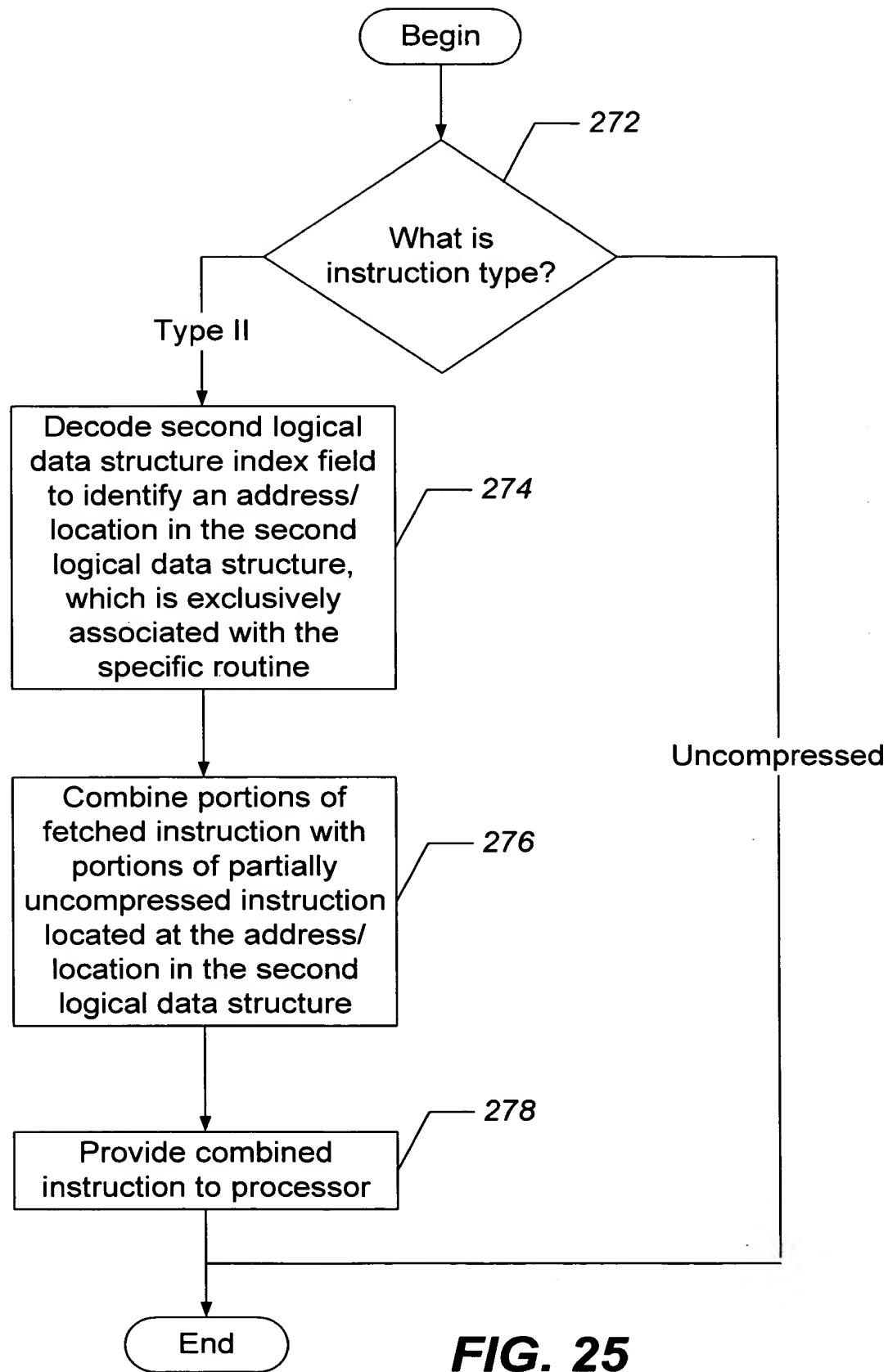


FIG. 24

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020



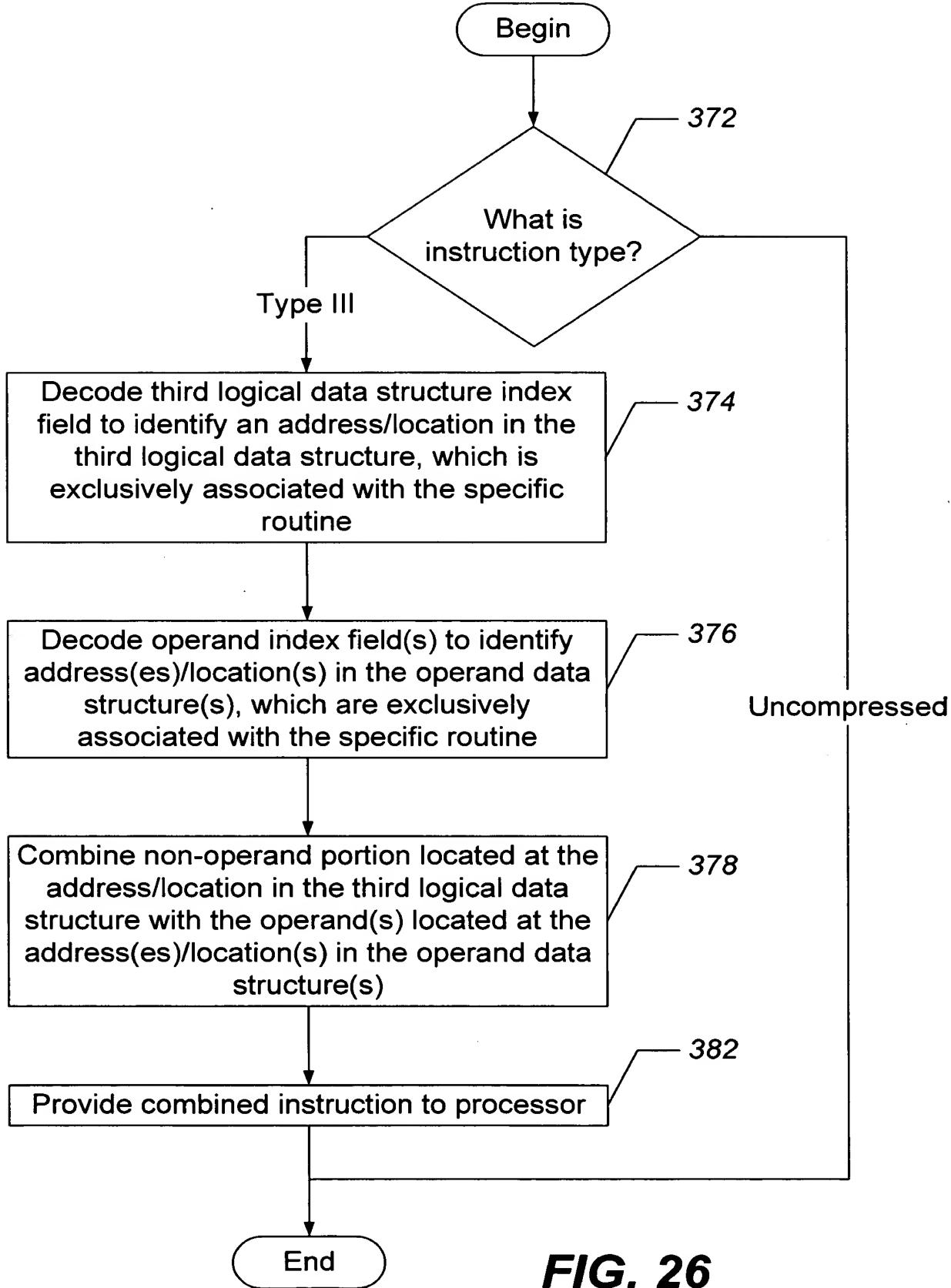


FIG. 26